



CITY OF ROANOKE OFFICE OF THE CITY MANAGER

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November 1, 2004

Honorable C. Nelson Harris, Mayor
Honorable Beverly T. Fitzpatrick, Jr., Vice Mayor
Honorable M. Rupert Cutler, Council Member
Honorable Alfred T. Dowe, Council Member
Honorable Sherman P. Lea, Council Member
Honorable Brenda L. McDaniel, Council Member
Honorable Brian J. Wishneff, Council Member

Dear Mayor Harris and Members of Council:

Subject: First Street Bridge-Design
Contract Amendment

Background:

Council awarded a contract on December 6, 1999 to Hayes, Seay, Mattern & Mattern, Inc. (HSMM) for the design of the Downtown North Parking Garage (Gainsboro) and the First Street Bridge. Three amendments to the contract have been executed for additional design services. The original contract was for \$560,000.00 and the three amendments totaled \$139,997.00.

City staff provided a briefing to City Council on September 7, 2004, outlining four alternatives for the First Street Bridge. Each option was discussed in detail and the Council selected Alternative B which provided for the complete rehabilitation of the existing First Street Bridge structure as a pedestrian only facility. The selected alternative requires dismantling the bridge, repairing or replacing deteriorated parts and re-erecting the rehabilitated bridge. The structure will be improved with some modern materials to improve its capacity to carry pedestrian loads without limitation. The selected alternative is estimated to have a total project cost of \$2.2 million.

As previously noted approximately \$2.0 million in existing project funding is available. Staff expects that additional funding of approximately \$200,000 will be needed for the project. However, given the nature of the proposed rehabilitation project, costs will be better defined once the detailed project plans and specifications are completed. Staff will request additional funding at the completion of the engineering design.

The selected alternative requires a new set of construction plans and specifications to be developed. Previous design work completed for a replacement bridge cannot be used for the selected alternative. Throughout the different stages of the project no design has taken place for a rehabilitated existing structure. The existing bridge needs to have an inspection performed with detailed evaluation of the existing bridge parts. This will determine what parts need to be rehabilitated or replaced. Many of the parts have experienced extensive corrosion over the years and will need to be replaced. Incorporation of the Dr. Martin Luther King, Jr. enhancements will be taken into consideration as a part of the rehabilitation design.

Staff considered the option of hiring a new design consultant since the proposed bridge rehabilitation plan requires an entirely new design. However, after considering the time required for the professional services selection process, likely increased design costs, and the benefit of the current consultant's knowledge of the project, staff recommends retaining the current consultant.


The total project estimate of \$2.2 million included the cost to prepare new plans and specifications. City staff has negotiated a contract amendment for the necessary design for the repair and rehabilitation project in the amount of \$166,570. City Council approval of the contract amendment is necessary because the amendment exceeds 25% of the initial contract value.

Funding in the amount of \$166,570.00 is available in account number 008-052-9574-First Street Pedestrian Bridge.

Recommended Action:

Authorize the City Manager to execute Amendment No. 4 for the above additional services for First Street Bridge with Hayes, Seay, Mattern & Mattern, Inc. in the amount of \$166,570.00.

Respectfully submitted,


Darlene L. Burcham
City Manager

DLB:JGB:dps

c: William M. Hackworth, City Attorney
Mary F. Parker, City Clerk
Jesse A. Hall, Director of Finance

CM04-00188